

ABSTRACT OF THE DISCLOSURE

1       **In a mobile communication network, a controlling node receives**  
2       **capability information from a mobile terminal, indicating positioning**  
3       **methods supported by the mobile terminal and selectability of the**  
4       **positioning methods. In response to a location request message from a client**  
5       **terminal requesting the location information of a target mobile terminal, the**  
6       **controlling node transmits a first control message via a wireless node to the**  
7       **target mobile terminal, containing a copy of requested accuracy of the**  
8       **location information, if the capability information indicates that the target**  
9       **mobile terminal is capable of selecting positioning methods. The mobile**  
10      **terminal performs measurement according to a positioning method that**  
11      **satisfies the requested accuracy. Otherwise, the controlling transmits a**  
12      **second control message to the mobile terminal, specifying a positioning**  
13      **method. In this case, the mobile terminal performs measurement according**  
14      **to the specified positioning method.**